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General Counsel's Office
 43499 7590 10/10/2008

THE AEROSPACE CORPORATION
 2350 EAST EL SEGUNDO BOULEVARD
 MAIL STOP MI/040
 EL SEGUNDO, CA 90245



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 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Carole Ann Mulchinski

(Depositor's name)

Carole Ann Mulchinski

(Signature)

November 17, 2008

(Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|------------------------------------|------------------|
| 10/092,758 | 03/07/2002 | Tim M. Nguyen | 11/18/2008 HGBREN2 00000000 010428 | 10092758 |

TITLE OF INVENTION: RANDOM WALK FILTER TIMING RECOVERY LOOP

01 FC:2501 755.00 DA
 02 FC:1504 300.00 DA
 03 FC:8001 30.00 DA

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | YES | \$755 | \$300 | \$0 | \$1055 | 01/12/2009 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-------------|----------|----------------|
| WONG, LINDA | 2611 | 375-354000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363):
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Derrick Michael Reid

2.

3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

The Aerospace Corporation

El Segundo California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee
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5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(e)(2).

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Authorized Signature

Derrick Michael Reid

Date

11/12/08

Typed or printed name

Derrick Michael Reid

Registration No.

32,096

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